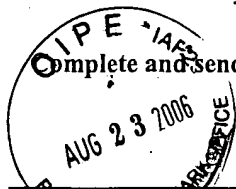


## PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or **Fax** (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. Further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

05/22/2006

KNOBLE & YOSHIDA, LLC  
 Suite 1350  
 Eight Penn Center  
 1628 John F. Kennedy Blvd.  
 Philadelphia, PA 19103

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Catherine Rose	(Depositor's name)
Catherine Rose	(Signature)
August 21, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/076,748

02/13/2002

Tetsuya Uda

HITACHI-0030

1800

TITLE OF INVENTION: OPTICAL TRANSMISSION SYSTEM FOR SUBSTANTIALLY EQUALIZING THE OUTPUT SIGNAL LEVEL AMONG FREQUENCY BANDS AND SUBSTANTIALLY LOWERING THE SIGNAL-TO-NOISE RATIO

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional

NO

\$1400

\$300

\$1700

08/22/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
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WANG, QUAN ZHEN

2613

398-094000

08/23/2006 HVUONG2 00000005 10076748

01 FC:1504

02 FC:1501

03 FC:8001

300.00 OP

1400.00 OP

9.00 OP

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list:

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. KNOBLE YOSHIDA &2. DUNLEAVY, LLC

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Hitachi LTD

Tokyo, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee (No small entity discount permitted)☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0462 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Ken I. YoshidaDate August 21, 2006Typed or printed name Ken I. YoshidaRegistration No. 37,009

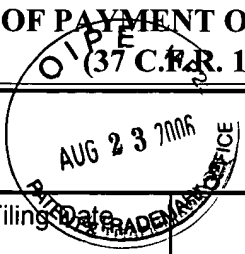
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)**  
(37 C.F.R. 1.311)

Docket No.  
**Hitachi-0030**

Applicant(s): Uda, et al



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/076,748	02/13/2002	WANG, GUAN ZHEN	21,302	2613	1800

Invention: **OPTICAL TRANSMISSION SYSTEM FOR SUBSTANTIALLY EQUALIZING THE OUTPUT SIGNAL LEVEL AMONG FREQUENCY BANDS AND SUBSTANTIALLY LOWERING THE SIGNAL-TO-NOISE RATIO**

**Mail Stop Issue Fee**  
**COMMISSIONER FOR PATENTS**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00    ☐ Design Fee: \_\_\_\_\_    ☐ Plant Fee: \_\_\_\_\_
- ☒ Publication Fee: \$ 300.00
- ☒ A check in the amount of \$1,709.00 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
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**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
Signature

Dated: August 21, 2006

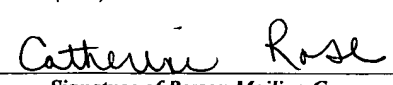
Ken I. Yoshida Reg No:37,009  
KNOBLE YOSHIDA&DUNLEAVY, LLC  
Eight Penn Center, Suite 1350  
1628 John F. Kennedy Blvd  
Philadelphia, PA 19103

CC:

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 Signature of Person Mailing Correspondence
Catherine Rose Typed or Printed Name of Person Mailing Correspondence